

# CureTB

## Binational Tuberculosis Referral Training

*(CureTB Enhancement Project)*

CureTB

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# Training Objectives

*By the end of the training, participants will:*

- Understand how the CureTB referral process works.
- Be familiar with the CureTB educational tools including Binational Card and its' companion flipchart.
- Know how to successfully refer a patient to CureTB.



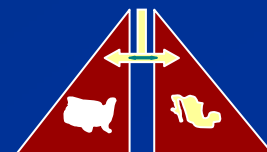
# CureTB History

- U.S. / Mexico binational referral program.
- Founded in 1997.
- Operated by the San Diego County TB Control Program.
- Primary goal: Improve continuity of care for patients with active TB that move during their course of treatment.
  - *Assure completion of treatment.*
  - *Decrease transmission.*
  - *Prevent the development of drug resistance.*



# CureTB Referral Process Challenges

- Patients are not linked to care in Mexico because they move before adequate locating information is obtained.
- Patients do not receive information about how to follow-up after return to Mexico.
- Providers do not receive sufficient information to provide follow-up.



# A Solution! Educational Tools (The Binational Card and Flipchart)

- The Binational Card is a tool that can be used to:
  - Help to achieve the goal of [CureTB.](#)
  - Decrease the number of patients that are lost to follow-up.



# California Statewide Pilot

- National pilot done in 13 sites in the U.S. and Mexico from March 2003 to November 2005.
  - Many patients completed treatment.
  - Fewer patients were lost.
  - Patients appreciated the system.
  - Healthcare workers found it useful.
- California statewide pilot done in 3 counties during December 2006 - April 2007
  - Binational Card distributed to all new and existing patients that met eligibility criteria (n = 17).
  - Flip chart used to educate patients.
  - 2 patients moved to Mexico
    - [CureTB](#) referrals made
    - Both patients completed therapy



# CureTB Referral Process and Content



# What Does CureTB Do?

- Make referrals for:
  1. Suspected and verified tuberculosis cases.
  2. Past history requests.
  3. Notification of high risk contacts.
  4. Source case finding.
  5. LTBI treatment.





# What Does CureTB Not Do?

1. Provides direct services to patients (*medical consultation, laboratory, transportation*).
2. Sends materials or medications to patients and providers.
3. Sends medical equipment or laboratory supplies to providers.



# Classification

- *Class 3:*
  - Cases are verified using laboratory or clinical evidence.
- *Class 5:*
  - Signs and symptoms of tuberculosis disease, but evaluation not complete.



# Categories of Referrals

## 1. Suspects and verified tuberculosis case.

- Referring jurisdiction should send completed information needed to follow-up the referral:
  - Locating information.
  - Clinical information.
- CureTB will provide outcomes at 4 months and final outcome at 12 months of referral.



# Categories of Referrals

## 2. Past History Request:

– These are suspect or verified cases in the U.S. who were in treatment in Mexico.

- CureTB will send the past medical history to the requesting provider if obtained.
- Availability of information is generally limited.



# Categories of Referrals

## 3. Contact notification:

- These patients are divided in two categories:
  - Contacts who are moving to Mexico and have been exposed to an infectious pulmonary case in the U.S. and are under 5 years of age or immunocompromised.
  - A smear positive pulmonary case in the U.S. was living in Mexico during their infectious period. A referral for contact investigation can be sent to Mexico. Specific locating information of contacts is required for notification.
- CureTB will not provide outcomes of contact referrals.



# Categories of Referrals

## 4. Source Case Finding:

- Young children or immunocompromised patients who are verified cases in the U.S. for whom it is suspected that the source case is in Mexico.
- CureTB will provide outcome if source case is found.



# Categories of Referrals

## 5. LTBI treatment:

- These patients are evaluated in the U.S. and start LTBI treatment before they move to Mexico.
- CureTB only refers LTBI patients who are contacts and:
  - under 5 years of age
  - HIV infected or other conditions of immunosuppression.



# Referral Process for Health Care Providers:

1. During an initial interview of a TB suspect OR confirmed case, the case manager:
  - Establishes rapport with patient.
  - Inquires if the patient might travel during treatment.
  - Elicits locating information in Mexico and personal contacts information in U.S. and Mexico.
  - Uses the flip chart to educate patient on continuity of care.
  - Provides the Binational Card and encourages to call [CureTB](#) .
  - Encourages notification to the case manager prior to moving to Mexico.





# Referral Process for Health Care Providers

2. CM learns that patient with confirmed or suspected active TB is planning to move, or has moved to Mexico.
3. CM verifies Mexican locating information obtained at outset of therapy.
4. CM makes sure patient still has Binational Card.
5. CM completes CureTB referral form and faxes it to CureTB.
6. CureTB links patient to care in Mexico.



# Binational Notification

Telephone: (619) 542-4013

Fax: (619) 692-8020

Card number: \_\_\_\_\_

1Referring Jurisdiction: \_\_\_\_\_ 4Date sent \_\_\_\_/\_\_\_\_/\_\_\_\_

City County State

5Contact person: \_\_\_\_\_ 6Telephone: ( ) \_\_\_\_\_ Fax ( ) \_\_\_\_\_

7Verified case 7RVCT#: \_\_\_\_\_ 7Not reported 7ICE A# \_\_\_\_\_  
7Suspect case 7Close contact 7Immunocompromised 7LTBI 7Source case 7History request

8Patient name: \_\_\_\_\_ Sex 8M 8F  
Paternal Maternal First Middle

Alias: \_\_\_\_\_ DOB: \_\_\_\_/\_\_\_\_/\_\_\_\_

9Address in Mexico: \_\_\_\_\_  
Number Street Apt Colonia City

10Telephone: ( ) \_\_\_\_\_

Municipio State Zip code

Address in the U.S.: \_\_\_\_\_  
Number Street Apt City

Country State Zip code Telephone: ( ) \_\_\_\_\_

11Contact person in Mexico: Name: \_\_\_\_\_ Telephone: ( ) \_\_\_\_\_

Relationship: \_\_\_\_\_

12Contact person in the U.S.: Name: \_\_\_\_\_ Telephone: ( ) \_\_\_\_\_

Relationship: \_\_\_\_\_

Clinical information for: 13this referred case/suspect 14Index case for this contact 15this contact 16not applicable

Site (s) of disease: 17Pulmonary 18Other (s) specify: \_\_\_\_\_

19Date of collection	20Specimen type	21Smear	22Culture	23Susceptibility	24Chest X-ray	25Other tests/results

26Medication: 27this referred case/suspect 28this referred contact/LTBI

29Drug	30Dose	31Start date	32Stop date

Comments: \_\_\_\_\_

Expecting moving date to Mexico: \_\_\_\_/\_\_\_\_/\_\_\_\_

Patient given \_\_\_\_\_ days of medication

1. - Fields required to initiate the referral process
  2. - At least one address or phone number is essential to establish contact with patient after their departure
  3. When smear negative, please describe Chest X rays results.
- Whenever possible send official CXR reports and laboratory reports as attachments to this referral.



# Binational Referral Form

1. Referring Jurisdiction information
2. ID numbers and categories of referral
  - RVCT #
  - ICE A#
3. Patient personal information
  - Locating information in U.S. and Mexico.
  - Person to call in U.S. / Mexico
4. Clinical information
  - Laboratory tests
  - CXR
5. Medication / Comments
6. Minimum information to process the referral.



# Who Should Receive a Binational Card?

**Any patient that is likely to travel to Mexico during their course of TB treatment, including:**

- Mexican-born.
- Recently arrived to the U.S. from Mexico.
- Migrant worker from Mexico.
- Patients who might visit their relatives living in Mexico.
- Patients who work/live in the U.S. but receive medical care in Mexico.
- Mexico-bound.



# CureTB Enhancement

- The CDC provided two years funding to strengthen the CureTB program.
- U.S. already refers to Mexico approximately 115 TB cases a year.
- In Mexico, the CureTB referral system is well known, yet south to north referrals are uncommon.



# CureTB Enhancement

- **U.S.**
  - Targeted 23 States in the U.S. with 10 or more TB cases reported.
  - Sent flipcharts and binational cards to the representatives of each selected state.
- **Mexico**
  - Chose 2 Mexican border cities (Mexicali, Baja California and San Luis Rio Colorado, Sonora).
  - Working on a protocol that works within the circumstances of Mexico.
  - Sent flipcharts and binational cards to the representatives of each selected city.
- **Webinar !!!!**



# Binational Card - Flipchart Content and Process



# Tarjeta Binacional de Salud

MEXICO



USA

## Binational Health Card

*Este documento es para facilitar la continuidad de la atención a la salud.*

This document is to facilitate continuity of health care.

*En México llame al 01-800-004-4800.*

*En EUA llame al 1-800-789-1751 ó desde México llame al 001-800-789-1751.*

In the U.S., call 1-800-789-1751, or from Mexico call 001-800-789-1751.

In Mexico, call 01-800-004-4800.

*Expedida en / Issued in:*

*Unidad / Health unit* \_\_\_\_\_

*Municipio / County* \_\_\_\_\_

*Estado / State* \_\_\_\_\_

*Jurisdicción / District* \_\_\_\_\_

*Teléfono / Telephone* \_\_\_\_\_

*Fecha de inicio de tratamiento (dd/mm/aaaa)*

*Date treatment started (dd/mm/yyyy)*

\_\_\_\_/\_\_\_\_/\_\_\_\_

*Fecha de última dosis (dd/mm/aaaa)*

*Date of last dose (dd/mm/yyyy)*

\_\_\_\_/\_\_\_\_/\_\_\_\_

*Esquema de Tratamiento\**

Treatment regimen: H R Z E S

*Otro(s) / Other(s):* \_\_\_\_\_

*TAES / DOT*    *Sí / No*    Yes / No

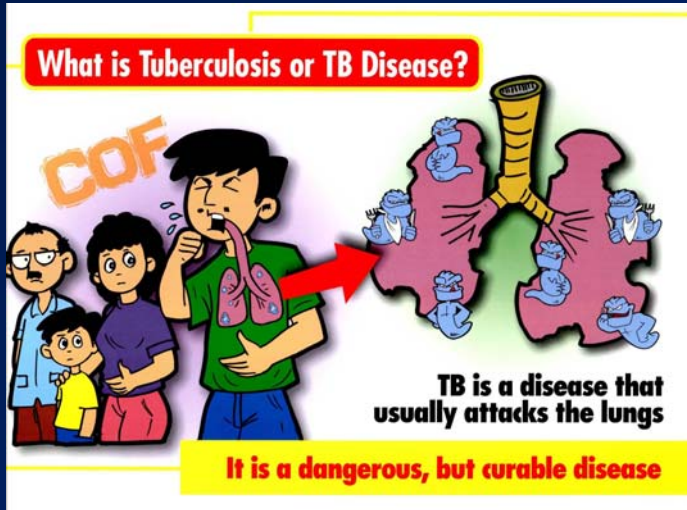
**H=isoniazida; R=rifampicina; Z=pirazinamida;**

**E=etambutol; S=streptomina**





# Binational Card Educational Flipchart

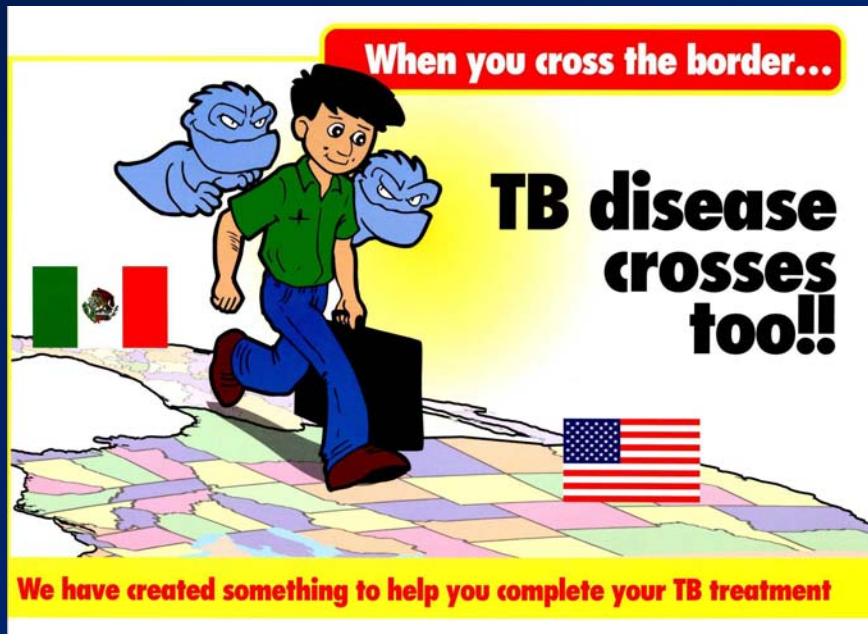


- Optional companion to Binational Card.
- California pilot sites found the flipchart very helpful.
  - Used by case managers to standardize provision of information regarding Binational Card.
- English and Spanish versions combined into one flipchart.





# Flipchart



- If patient with TB crosses the U.S./ Mexico border, his/her TB disease crosses as well.
- You should never abandoned your treatment for TB even if you are crossing the Border.
- Even if you do not feel sick, you must always continue with your treatment to completely kill all of the TB germs.
- We have created a system called the Biantional Health Card to help you complete your treatment if you cross the US/Mexico border.



# Flipchart



- This card is for TB patients who might travel between the U.S. and Mexico during their treatment.
- Although you may not have plans to travel now, we want to give you this card in case you travel between the U.S. and Mexico during your treatment.
- Remember that TB treatment lasts for a minimum of 6 months.
- If you cross the U.S. / Mexico border during your treatment, the card will help you to contact your health provider.



# Flipchart



- Tell your doctor that you are going to travel.
- Go to your local health center as soon as possible when you are at your destination or if you are going to stay in a different place for a long period of time.
- Present the card to the health care personnel.
- If you leave without telling anyone and you do not know where to go for your treatment in the U.S. or Mexico, call the numbers on the Card to find the nearest health center.



# Flipchart



- When you arrive to the U.S. or Mexico, visit the health center and show them your Card.
- You should go to the health center as quickly as possible to continue and complete your treatment.
- Remember that the treatment and management of TB is free or for low cost and is confidential in the U.S. and Mexico.





# Flipchart

**Do you need help?**

If you can't find a health center, if you have a doubt, or need help...

**CALL TOLL FREE**

**01-800-004-4800**

**(00)1-800-789-1751**

*Tarjeta Binacional de Salud*  
MEXICO USA  
**Binational Health Card**  
Este documento es para facilitar la continuidad de la atención a la salud.  
This document is to facilitate continuity of health care.  
En México llame al 01-800-004-4800.  
En EE.U.U. llame al 1-800-789-1751.  
In Mexico call 01-800-004-4800.  
In the U.S., call 1-800-789-1751.

- For help: call [CureTB](tel:18007891751) toll free number.
  - From Mexico:
    - **001 (800) 789-1751**
  - From U.S.:
    - **1 (800) 789-1751**
  - You can also call to the Mexican Epidemiology Center (UIES).  
“Unidad de Inteligencia para Emergencias en Salud”
    - **01 (800) 004-4800**
- Give your doctor the [CureTB](tel:18007891751) phone number.
- Obtain your doctor's phone number and call us back.



# Flipchart

- Always bring your prescribed TB medications.
- Go to a health center as soon as possible when you cross the border.
- **DO NOT ABANDON YOUR TREATMENT** if you cross the border. If you have your prescribed TB medications complete, do not stop taking them.
  - ***Stop taking them only if you run out of any of your prescribed TB medications or if they make you feel bad and try to contact your doctor in the other side of the border as soon as possible.***
  - It takes a long time for the TB medications to completely kill all the TB germs.



# Testimonials

- We found great acceptance about the flipchart and binational card from both; patients and health care providers.
  - *Time saving and easy to use.*
  - *Clear and easy to understand.*
  - *Shows cooperation between health care providers and patients.*
  - *Reminder to elicit contact info at the beginning of treatment.*

**Celeste Hall, RN**



Q & A





# 1. Is the Binational Card appropriate for TB contacts?

- Yes, but only for those patients who meet the requirements. The card is intended to be used with TB cases and suspects primarily.



## 2. My patient is going to Mexico for 2 weeks. Should I complete a Binational Referral Form?

- No. Binational referrals should only be made if the patient is planning on staying in Mexico for > 1 month.
- Be sure to obtain locating and personal contact information in case the patient stays for a longer period of time.



3. What if my patient states that he/she has no plans to go to Mexico and refuses to provide locating information?
- Re-educate the patient on the purpose of the Binational Card – to facilitate completion of treatment for TB.
  - Advise them that sometimes patients have had to return to Mexico unexpectedly during treatment due to a family emergency. CureTB can facilitate completion of treatment, but only if sufficient Mexican locating information is provided.



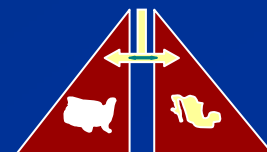
## 4. What if my patient has only limited locating information in Mexico?

- It is very difficult for [CureTB](#) to make a referral without sufficient locating information.
- Partial address = Hidalgo #347 (*s/n or Domicilio Conocido*), San Blas, Nayarit.  
Phone = 532-4789
- Complete address = Hidalgo #347, Colonia Reforma, Acatan, San Blas, Nayarit. Phone = (657)- 532-4789
- If you need help obtaining adequate locating information, call [CureTB](#) for assistance.



## 5. How do I educate others in my program about the Binational Card process?

- Share this presentation and the one page visual flow diagram with them.
- Encourage staff to call [CureTB](#) with ANY questions.



## 6. Can I find the Flipchart and Binational Card online?

- Yes, you can find the Flipchart and Binational Card in both Spanish and English versions at [www.curetb.org](http://www.curetb.org)  
Also, you can use them as templates to print your own in case you need it.



# Flow Diagram



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## Flow Diagram – Binational TB Card



CureTB

### Propose of Binational TB Card:

*By distributing the TB Card, providing adequate education regarding use of the card, and obtaining sufficient locating information before patients move to Mexico, local health departments (LHDs) will help CureTB become more able to facilitate continuity of care for TB patients moving between U.S. and Mexico.*

### Who should receive a Binational TB Card?

*TB cases and suspects who meet the following criteria:*

- Mexican – born
- Recently arrived to the U.S. from Mexico
- Migrant worker from Mexico
- Close or immediate family lives in Mexico and pt might visit
- Works in the U.S. and lives in Mexico
- Lives in the U.S, but receives medical care in Mexico
- Mexico bound



# Flow Diagram

*During the initial interview of a suspect or confirmed TB case, the case manager:*

- Establishes rapport with the patient
- Inquires whether the patient is likely to travel to Mexico during their course of treatment
- Elicits locating information in Mexico in case the patient ever travels
- Elicits U.S. emergency contact(s) locating information
- Provides the TB Card
- Uses TB Card flip chart to educate patient re: purpose of TB Card and availability of binational referral for continuity of care if they move
- Encourages the patient to inform the case manager prior to their move to Mexico so that arrangements for continuity of care can be made

*After distributing the TB Card to the patient, the case manager:*

- Checks in with the patient during therapy to promptly identify when a move to Mexico is planned

*When a move to Mexico is planned and the patient notifies the case manager prior to departure, the case manager:*

- Verifies address and phone number in Mexico with patient
- Makes sure patient still has TB Card
- Completes and faxes the Binational Referral form to CureTB

*When a patient moves to Mexico without notifying the case manager prior to departure, the case manager:*

- Completes and faxes the Binational Referral form to CureTB

*Patient is linked to care in Mexico and continues treatment*



# Next Steps

- 1. LHD Case Managers to begin distributing binational cards.
  - *Early in treatment, obtain personal contacts and locating information in Mexico and the U.S.*
- 2. Train others in your jurisdiction if needed.



# Next Steps

- 3. With questions, call [CureTB](#)  
**(619) 542-4013**
- 4. From Mexico, call [CureTB](#)  
**001 (800) 789-1751**



# CureTB Staff

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(*CureTB Enhancement*)



# Other Questions?



CureTB

## Binational Tuberculosis Referral Program

Phone: (619) 542-4013

Fax: (619) 692-8020

[www.curetb.org](http://www.curetb.org)



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